



**MODEL 22B-300 (M1, M2, M3)
REPLACEMENT PARTS LIST**

REF DESIG	DESCRIPTION
C1, C6	Capacitor, Electrolytic, 220 uf, 35V
C2	Capacitor, Electrolytic, 4000 uf, 30V
C3, C5	Capacitor, Electrolytic, 1 uf, 50V
C4	Capacitor, Film, 0.001 uf, 50V
CR 1 thru CR4	Diode, Semtek 3FI1, Motorola MR501
CR5	Diode, Zener, 1N4753A
CR6, CR8	Diode, 1N4002
CR7	Diode, Zener, 1N754A
F1	Fuse, 5 Ampere
Q1	Transistor, 2N2222A
Q2	Transistor, 13159-1
Q3	Transistor, 13002-3
Q4	Transistor, 2N2907A
R1, R2	Resistor, 750 Ohms, $\pm 5\%$, 1/2 W
R3	Resistor, 470 Ohms, $\pm 5\%$, 1/2 W
R4	Resistor, Not Used
R5	Resistor, 47K Ohms, $\pm 5\%$, 1/2 W
R6, R9	Resistor, 1K Ohms, $\pm 5\%$, 1/2 W
R18, R19	Resistor, Not Used
R7	Resistor, 3.3K Ohms, $\pm 5\%$, 1/2 W
R8	Resistor, 0.22 Ohms, BWH
R10	Potentiometer, 100 Ohms
R11	Resistor, Not Used
R12	Resistor, 1.2K Ohms
R13	Potentiometer, 1.5K Ohms
R14, R22	Resistor, 309 Ohms, RN60C
R15	Resistor, 1.19K Ohms, RN60C
R16	Resistor, 270 Ohms, $\pm 5\%$, 1/2 W
R17	Resistor, 1.55K Ohms, RN60C
R20	Resistor, 750 Ohms, RN60C
R21	Resistor, 10 Ohms, $\pm 5\%$, 1/2 W
R23, R24	Silicon Control Rectifier, 2N4441
SCR1	Integrated Circuit, 723CE

**MODEL 22B-100 (M4)
REPLACEMENT PARTS LIST**

REF DESIG	DESCRIPTION
C1, C6	Capacitor, Electrolytic, 470 uf, 15V
C2	Capacitor, Electrolytic, 9000 uf, 15V
C3, C5	Capacitor, Electrolytic, 1 uf, 50V
C4	Capacitor, Film, 0.001 uf, 100V
CR1, CR2, CR6, CR8	Diode, 1N4002
CR3, CR4	Diode, Semtek 3FI1, Motorola MR501
CR5	Diode, Not Used
CR7	Diode, Zener, 1N751A
Q1	Transistor, 2N2222A
Q2	Transistor, 13159-2
Q3	Transistor, 13002-3
Q4	Transistor, 2N2907
R1, R2	Resistor, 51 Ohms, $\pm 5\%$, 1/2 W
R3	Resistor, 3.01K Ohms, RN60C
R4	Resistor, 4.02 K Ohms, RN60C
R5	Resistor, 47K Ohms, $\pm 5\%$, 1/2 W
R6, R9	Resistor, 1K Ohms, $\pm 5\%$, 1/2 W
R18, R19	Resistor, Not Used
R7	Resistor, 3.3K Ohms, $\pm 5\%$, 1/2 W
R8	Resistor, 0.1 Ohms, BWH
R10	Potentiometer, 100 Ohms
R11	Resistor, Not Used
R12	Resistor, 510 Ohms, $\pm 5\%$, 1/2 W
R13	Potentiometer, 1.5K Ohms
R14	Resistor, Jumper
R15	Resistor, 1.5K Ohms, RN60C
R16	Resistor, 100 Ohms, $\pm 5\%$, 1/2 W
R17	Resistor, 1K Ohms, RN60C
R20	Resistor, Jumper
R21	Potentiometer, 500 Ohms
R22	Silicon Control Rectifier, 2N4441
SCR1	Integrated Circuit, 723CE